5

10

## IX. References

The following references, to the extent that they provide exemplary procedural or other details supplementary to those set forth herein, are specifically incorporated herein by reference.

Angel et al., Mol. Cell. Biol., 7:2256, 1987a.

Angel et al., Cell, 49:729, 1987b.

- Antin, Forry-Schaudies, Friedman, Tapscott, Holtzer, "Taxol induces postmitotic myoblasts to assemble interdigitating microtubule-myosin arrays that exclude actin filaments," *J. Cell Biol.*, 90(2):300-8 (1981)
- Baichwal and Sugden, "Vectors for gene transfer derived from animal DNA viruses:

  Transient and stable expression of transferred genes", In: Gene Transfer,

  Kucherlapati R, ed., New York, Plenum Press, pp. 117-148, 1986.
- 15 Banerji et al., Cell, 35:729, 1983.
  - Barany and Merrifield, The Peptides, Gross and Meienhofer, eds., Academic Press, New York, pp. 1-284, 1979.
  - Bartkiewicz, Houghton, Baron, "Leucine zipper-mediated homodimerization of the adaptor protein c-Cbl. A role in c-Cbl's tyrosine phosphorylation and its association with epidermal growth factor receptor," *J. Biol. Chem.*, 274(43):30887-95, 1999.
  - Benjamin, Shelton, Garry, Richardson, "Temporospatial expression of the small HSP/alpha B-crystallin in cardiac and skeletal muscle during mouse development," *Dev. Dyn.*, 208(1):75-84, 1997.
- Benvenisty and Neshif, "Direction introduction of genes into rats and expression of the genes", *Proc. Nat'l Acad. Sci. USA*, 83:9551-9555, 1986.

Berkhout et al., Cell, 59:273, 1989.

Blanar et al., EMBO J., 8:1139, 1989.

Bodine and Ley, EMBO J., 6:2997, 1987.

Borden, "RING fingers and B-boxes: zinc-binding protein-protein interaction domains," Biochem. Cell Biol., 76:351-358, 1998.

20

30

Boshart et al., Cell, 41:521, 1985.

Bosze et al., EMBO J., 5:1615, 1986.

Braddock et al., Cell, 58:269, 1989.

Brinster et al., Proc. Nat'l Acad. Sci. USA, 82: 4438-4442, 1985.

Buchner, Montini, Andolfi, Quaderi, Cainarca, Messali, Bassi, Ballabio, Meroni, Franco, "MID2, a homologue of the Opitz syndrome gene MID1: similarities in subcellular localization and differences in expression during development," *Hum. Mol. Genet.*, 8:1397-1407, 1999.

Bulla and Siddiqui, J. Virol., 62:1437, 1986.

Cainarca, Messali, Ballabio, Meroni, "Functional characterization of the Opitz syndrome product (midin): evidence for homodimerization and association with microtubules throughout the cell cycle," *Hum. Mol. Genet.*, 8:1387-1396, 1999.

Campbell, In: Monoclonal Antibody Technology, Laboratory Techniques in Biochemistry and Molecular Biology, Vol. 13, Burden and Von Knippenberg, Eds. pp. 75-83, Amsterdam, Elseview, 1984.

Campbell and Villarreal, Mol. Cell. Biol., 8:1993, 1988.

Campere and Tilghman, Genes and Dev., 3:537, 1989.

Campo et al., Nature, 303:77, 1983.

Cao, Borden, Freemont, Etkin, "Involvement of the rfp tripartite motif in protein-protein interactions and subcellular distribution," *J. Cell Sci.*, 110 (Pt 14):1563-71, 1997.

Capaldi et al., Biochem. Biophys. Res. Comm., 76:425, 1977

Celander and Haseltine, J. Virology, 61:269, 1987.

Celander et al., J. Virology, 62:1314, 1988.

Chandler et al., Cell, 33:489, 1983.

25 Chang *et al.*, "Foreign gene delivery and expression in hepatocytes using a hepatitis B virus vector", *Hepatology*, 14:124A, 1991.

Chang et al., Mol. Cell. Biol., 9:2153, 1989.

Chatterjee et al., Proc. Nat'l Acad. Sci. USA., 86:9114, 1989.

Chen and Okayama, "High-efficiency transfection of mammalian cells by plasmid DNA", *Mol. Cell Biol.*, 7:2745-2752, 1987.

Choi et al., Cell, 53:519, 1988.

- Coffin, Retroviridae and Their Replication. In: *Virology*, Fields *et al.*, eds., Raven Press, New York, pp. 1437-1500, 1990.
- Cohen et al., "A repetitive sequence element 3' of the human c-Ha-ras1 gene has enhancer activity", J. Cell. Physiol., 5:75, 1987
- Cook et al., "In vitro splicing of the ribosomal RNA precursor of Tetrahymena: involvement of a guanosine nucleotide in the excision of the intervening sequence," Cell, 27:487-496, 1981.
  - Costa et al., Mol. Cell. Biol., 8:81, 1988.
  - Couch et al., "Immunization with types 4 and 7 adenovirus by selective infection of the intestinal tract," Am. Rev. Resp. Dis., 88:394-403, 1963.
  - Coupar et al., "A general method for the construction of recombinant vaccinia virus expressing multiple foreign genes", Gene, 68:1-10, 1988.
  - Cripe et al., EMBO J., 6:3745, 1987.
  - Culotta and Hamer, Mol. Cell. Biol., 9:1376, 1989.
- 15 Dandolo et al., J. Virology, 47:55, 1983.
  - De The, Lavau, Marchio, Chomienne, Degos, Dejean, "The PML-RARα fusion mRNA generated by the t(15;17) translocation in acute promyelocytic leukemia encodes a functionally altered RAR," *Cell*, 66(4):675-684, 1991.
  - De Villiers et al., Nature, 312:242, 1984.
- 20 Deschamps et al., Science, 230:1174, 1985.
  - Dubensky et al., "Direct transfection of viral and plasmid DNA into the liver or spleen of mice", Proc. Nat'l Acad. Sci. USA, 81:7529-7533, 1984.
  - Dunning, "Prostate cancer in the rat," Natl Cancer Inst Monogr 12:351-369, 1963.
  - Edbrooke et al., Mol. Cell. Biol., 9:1908, 1989.
- 25 Edlund et al., Science, 230:912, 1985.
  - Fechheimer et al., "Transfection of mammalian cells with plasmid DNA by scrape loading and sonication loading", *Proc. Nat'l Acad. Sci. USA*, 84:8463-8467, 1987.
  - Feng and Holland, Nature, 334:6178, 1988.
- Ferkol *et al.*, "Regulation of the phosphoenolpyruvate carboxykinase/human factor IX gene introduced into the livers of adult rats by receptor-mediated gene transfer", *FASEB*J., 7:1081-1091, 1993.

30

- Firak and Subramanian, Mol. Cell. Biol., 6:3667, 1986.
- Forster & Symons, "Self-cleavage of plus and minus RNAs of a virusoid and a structural model for the active sites," *Cell*, 49:211-220, 1987.
- Fraley *et al.*, "Entrapment of a bacterial plasmid in phospholipid vesicles: Potential for gene transfer", *Proc. Nat'l Acad. Sci. USA*, 76:3348-3352, 1979.
- Freifelder, *Physical Biochemistry Applications to Biochemistry and Molecular Biology*, 2nd ed. Wm Freeman and Co., New York, NY, 1982.
- Friedmann, "Progress toward human gene therapy", Science, 244:1275-1281, 1989.
- Gefter et al., Somatic Cell Genet., 3: 231-236, 1977.
- Gerlach *et al.*, "Construction of a plant disease resistance gene from the satellite RNA of tobacco rinspot virus," *Nature (London)*, 328:802-805, 1987.
  - Ghosh and Bachhawat, Targeting of Liposomes to Hepatocytes. In: *Liver Diseases, Targeted Diagnosis and Therapy Using Specific Receptors and Ligands.* Wu *et al.*, eds., Marcel Dekker, New York, pp. 87-104, 1991.
- 15 Ghosh-Choudhury et al., EMBO J., 6:1733-1739, 1987.
  - Gleeson, Lin, Flanagan, Walsh, "Doublecortin is a microtubule-associated protein, and is expressed widely by migrating neurons," *Neuron.*, 2:257-271, 1999.
  - Gloss et al., EMBO J., 6:3735, 1987.
  - Godbout et al., Mol. Cell. Biol., 8:1169, 1988.
  - Goding, 1986, In: *Monoclonal Antibodies: Principles and Practice*, 2d ed., Academic Press, Orlando, Fla., pp. 60-61, and 71-74, 1986.
    - Gomez-Foix et al., J. Biol. Chem., 267:25129-25134, 1992.
    - Gopal, "Gene transfer method for transient gene expression, stable transfection, and cotransfection of suspension cell cultures", *Mol. Cell Biol.*, 5:1188-1190, 1985.
- Graham and Prevec, In: Methods in Molecular Biology: Gene Transfer and Expression Protocol, E.J. Murray, ed., Humana Press, Clifton, NJ, 7:109-128, 1991.
  - Graham and van der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA", *Virology*, 52:456-467, 1973.
  - Graham et al., "Characteristics of a human cell line transformed by DNA from human adenovirus type 5", J. Gen. Virol., 36:59-72, 1977.

5

- Grunhaus and Horwitz, "Adenovirus as cloning vector", Seminar in Virology, 3:237-252, 1992.
- Gunderson, Khawaja, Bulinski, "Generation of stable, posttranslationally modified microtubule array is an early event in myogenic differentiation," *J. Cell Biol.*, 109:2275-2288, 1989.
- Harland and Weintraub, "Translation of mammalian mRNA injected into Xenopus oocytes is specifically inhibited by antisense RNA", *J. Cell Biol.*, 101:1094-1099, 1985.
- Harlow and Lane, Antibodies: A Laboratory manual, Cold Spring Harbor Laboratory, 1988.
- Haslinger and Karin, Proc. Nat'l Acad. Sci. USA., 82:8572, 1985.

Hauber and Cullen, J. Virology, 62:673, 1988

Hen et al., Nature, 321:249, 1986.

Hensel et al., Lymphokine Res., 8:347, 1989.

Hermonat and Muzycska, "Use of adenoassociated virus as a mammalian DNA cloning vector: Transduction of neomycin resistance into mammalian tissue culture cells", *Proc. Nat. Acad. Sci. USA*, 81:6466-6470, 1984.

Herr and Clarke, Cell, 45:461, 1986.

Hersdorffer et al., DNA Cell Biol., 9:713-723, 1990.

Herz and Gerard, Proc. Nat'l Acad. Sci. USA, 90:2812-2816, 1993.

20 Hirochika et al., J. Virol., 61:2599, 1987.

Hirsch et al., Mol. Cell. Biol., 10:1959, 1990.

Horlick and Benfield, Mol. Cell. Biol., 9:2396, 1989.

- Horwich, et al., "Synthesis of hepadnavirus particles that contain replication-defective duck hepatitis B virus genomes in cultured HuH7 cells", J. Virol., 64:642-650, 1990.
- Hsieh, Liu, Kostas, Chang, Sternberg, Fire, "The RING finger/B-Box factor TAM-1 and a retinoblastoma-like protein LIN-35 modulate context-dependent gene silencing in Caenorhabditis elegans," *Genes Dev.*, 13(22):2958-2970, 1999.

Huang et al., Cell, 27:245, 1981.

Hwang et al., Mol. Cell. Biol., 10:585, 1990.

30 Imagawa et al., Cell, 51:251, 1987.

Imbra and Karin, Nature, 323:555, 1986.

Imperiale and Nevins, Mol. Cell. Biol., 4:875, 1984.

Innis et al., PCR Protocols, Academic Press, Inc., San Diego CA, 1990.

Jakobovits et al., Mol. Cell. Biol., 8:2555, 1988.

Jameel and Siddiqui, Mol. Cell. Biol., 6.710, 1986.

5 Jaynes et al., Mol. Cell. Biol., 8:62, 1988.

Johnson et al., Mol. Cell. Biol., 9:3393, 1989.

Johnson et al., Peptide Turn Mimetics" IN: Biotechnology And Pharmacy, Pezzuto et al., eds., Chapman and Hall, New York, 1993.

Jones and Shenk, Cell, 13:181-188, 1978.

Joyce, "RNA evolution and the origins of life," *Nature*, 338.217-244, 1989.

Kadesch and Berg, Mol. Cell. Biol., 6:2593, 1986.

Kaech, Ludin, Matus, "Cytoskeletal plasticity in cells expressing neuronal microtubule-associated proteins," *Neuron*, 17(6):1189-99, 1996.

Kaneda et al., "Increased expression of DNA cointroduced with nuclear protein in adult

rat liver", Science, 243:375-378, 1989.

Karin et al., Mol. Cell. Biol., 7:606, 1987.

Karlsson et al., EMBO J., 5:2377-2385, 1986.

Katinka et al., Cell, 20:393, 1980.

Katinka et al., Nature, 290:720, 1981.

Kato et al., "Expression of hepatitis B virus surface antigen in adult rat liver", J. Biol. Chem., 266:3361-3364, 1991.

Kaufmann, Kirsch, Irintchev, Wernig, Starzinski-Powitz, "The M-cadherin catenin complex interacts with microtubules in skeletal muscle cells: implications for the fusion of myoblasts," *J. Cell Sci.*, 112:55-67, 1999.

25 Kawamoto et al., Mol. Cell. Biol., 8:267, 1988.

Kim & Cook, "Three dimensional model of the active site of the self-splicing rRNA precursor or Tetrahymena," *Proc. Nat'l Acad. Sci. USA*, 84:8788-8792, 1987.

Klamut et al., Mol. Cell. Biol., 10:193, 1990.

Klein et al., "High-velocity microprojectiles for delivering nucleic acids into living cells", Nature, 327:70-73, 1987.

Koch et al., Mol. Cell. Biol., 9:303, 1989.

Kohler and Milstein, Eur. J. Immunol., 6:511-519, 1976.

Kohler and Milstein, Nature, 256:495-497, 1975.

Kosik, "Tau protein and neurodegenration," Mol. Neurobiol., 4(3-4):171-179, 1990.

Koulakoff, Boucher, Chafey, Schaar, Vinet, Friocourti, McDonnell, Reiner, Kahn, McConnell, Berwald-Netter, Denoulet, Chelly, "Doublecortin is a developmentally regulated, microtubule-associated protein expressed in migrating

and differentiating neurons," Neuron, 2:247-256, 1999.

Kriegler and Botchan, *In: Eukaryotic Viral Vectors*, Y. Gluzman, ed., Cold Spring Harbor: Cold Spring Harbor Laboratory, NY, 1982.

10 Kriegler et al., In: Gene Expression, D. Hamer and M. Rosenberg, eds., New York: Alan R. Liss, 1983.

Kriegler et al., Cell, 38:483, 1984a.

Kriegler et al., In: Cancer Cells 2/Oncogenes and Viral Genes, Van de Woude et al. eds, Cold Spring Harbor, Cold Spring Harbor Laboratory, 1984b.

15 Kriegler et al., Cell, 53:45, 1988.

Kriegler and Botchan, Mol. Cell. Biol., 3:325, 1983.

Kuhl et al., Cell, 50:1057, 1987.

Kunz et al., Nucl. Acids Res., 17:1121, 1989.

Kyte and Doolittle, J. Mol. Biol., 157(1):105-132, 1982.

20 Larsen et al., Proc. Nat'l Acad. Sci. USA, 83:8283, 1986.

LaPointe, Wu, Greenberg, Gardner, "Upstream sequences confer atrial-specific expression on the human atrial natriuretic factor gene." *J. Biol. Chem.*, 263(19):9075-8, 1988.

Laspia et al., Cell, 59:283, 1989.

25 Latimer et al., Mol. Cell. Biol., 10:760, 1990.

Le Gal La Salle et al., Science, 259:988-990, 1993.

Lee et al., Nature, 294:228, 1981.

Levinson et al., Nature, 295:79, 1982.

Levrero et al., Gene, 101:195-202, 1991.

Li, Shou, Kloc, Reddy, Etkin, "The association of Xenopus nuclear factor 7 with subcellular structures is dependent upon phosphorylation and specific domains,"

5

Exp. Cell Res., 13(2):473-81, 1994.

Lo, Nigro, Chong, Smith, Dobyns, Carrozzo, Ledbetter, "Point mutations and an intragenic deletion in LIS1, the lissencephaly causative gene in isolated lissencephaly sequence and Miller-Dieker syndrome," *Hum. Mol. Genet.*, 6(2):157-64, 1999.

Lusky et al., Mol. Cell. Biol., 3:1108, 1983.

Lusky and Botchan, Proc. Nat'l Acad. Sci. USA., 83:3609, 1986.

Macejak and Sarnow, Nature, 353:90-94, 1991.

Majors and Varmus, Proc. Nat'l Acad. Sci. USA., 80:5866, 1983.

- Mangan and Olmsted, "A muscle-specific variant of the microtubule-associated protein 4 (MAP4) is required for myogenesis," *Dev.* 122:771-781, 1996.
  - Manipulating the Mouse Embryo: A Laboratory Manual, 2nd ed., Hogan *et al.*, eds., Cold Spring Harbor Laboratory Press, 1994.
  - Mann et al., "Construction of a retrovirus packaging mutant and its use to produce helper-free defective retrovirus", Cell, 33:153-159, 1983.

Markowitz et al., J. Virol., 62:1120-1124, 1988.

- Marszalek, Ruiz-Lozano, Roberts, Chien, Goldstein, "Situs inversus and embryonic ciliary morphogenesis defects in mouse mutants lacking the KIF3A subunit of kinesin-II," *Proc. Nat'l Acad. Sci.*, 96(9):5043-5048, 1999.
- 20 McNeall et al., Gene, 76:81, 1989.

Merrifield, Science, 232: 341-347, 1986.

- Michel & Westhof, "Modeling of the three-dimensional architecture of group I catalytic introns based on comparative sequence analysis," *J. Mol. Biol.*, 216:585-610, 1990.
- 25 Miksicek et al., Cell, 46:203, 1986.

Mordacq and Linzer, Genes and Dev., 3:760, 1989.

Moreau et al., Nucl. Acids Res., 9:6047, 1981.

Muesing et al., Cell, 48:691, 1987.

Mulligan, Science, 260:926-932, 1993.

30 Myers, EP 0273085

5

- Nguyen, Chari, Gruber, Lue, Chapin, Bulinski, "Overexpression of full- or partial-length MAP4 stabilizes microtubules and alters cell growth," *J. Cell Sci.*, 110 (Pt2):281-94, 1997.
- Nguyen, Gruber, McGraw, Sheetz, Bulinski, "Stabilization and functional modulation of microtubules by microtubule-associated protein 4," *Biol. Bull.*, 194(3):354-357, 1998.
- Nicolas and Rubinstein, In: Vectors: A survey of molecular cloning vectors and their uses, Rodriguez and Denhardt, eds., Stoneham: Butterworth, pp. 494-513, 1988.
- Nicolau and Sene, "Liposome-mediated DNA transfer in eukaryotic cells", *Biochim. Biophys. Acta*, 721:185-190, 1982.
- Nicolau et al., "Liposomes as carriers for in vivo gene transfer and expression," Methods Enzymol., 149:157-176, 1987.
- Ondek et al., EMBO J., 6:1017, 1987.
- Ornitz et al., Mol. Cell. Biol., 7:3466, 1987.
- 15 Palmiter et al., Nature, 300:611, 1982.
  - Paskind et al., "Dependence of moloney murine leukemia virus production on cell growth", Virology, 67:242-248, 1975.
  - Pech et al., Mol. Cell. Biol., 9:396, 1989.
  - Pelletier and Sonenberg, Nature, 334:320-325, 1988.
  - Perales *et al.*, "Gene transfer *in vivo*: Sustained expression and regulation of genes introduced into the liver by receptor-targeted uptake", *Proc. Nat'l Acad. Sci.* 91:4086-4090, 1994.
  - Perez-Stable and Constantini, Mol. Cell. Biol., 10:1116, 1990.
  - Pignon et al., Hum. Mutat., 3: 126-132, 1994.
- 25 Pinkert et al., Genes and Dev., 1 268, 1987.
  - Ponta et al., Proc. Nat'l Acad. Sci. USA., 82:1020, 1985.
  - Potter et al., "Enhancer-dependent expression of human k immunoglobulin genes introduced into mouse pre-B lymphocytes by electroporation," Proc. Nat'l Acad. Sci. USA, 81:7161-7165, 1984.
- Quaderi, Schweiger, Gaudenz, Franco, Rugarli, Berger, Feldman, Volta, Andolfi, Gilgenkrantz, Marion, Hennekam, Opitz, Muenke, Ropers, Ballabio, "Opitz

25

30

10

G/BBB syndrome, a defect in midline development, is due to mutation in a new RING finger gene on Xp22," *Nat. Gen.*, 17:285-291, 1997.

Quinn et al., Mol. Cell. Biol., 9:4713, 1989.

Racher et al., Biotechnology Techniques, 9:169-174, 1995.

5 Ragot et al., Nature, 361:647-650, 1993.

Rawls, Valdez, Zhang, Richardson, Klein, Olson, "Overlapping functions of the myogenic bHLH genes MRF4 and MyoD revealed in double mutant mice," *Development*, 125(13):2349-2358, 1998.

Reinhold-Hurek & Shub, "Self-splicing introns in tRNA genes of widely divergent bacteria," *Nature*, 357:173-176, 1992.

Reisman and Rotter, Mol. Cell. Biol., 9:3571, 1989.

Renan, "Cancer genes: Current status, future prospects and applications in radiotherapy/oncology," *Radiother. Oncol.*, 19:197-218, 1990.

Resendez Jr. et al., Mol. Cell. Biol., 8:4579, 1988.

15 Rich et al., Hum. Gene Ther., 4:461-476, 1993.

Ridgeway, Mammalian Expression Vectors, In: Vectors: A Survey of Molecular Cloning Vectors and Their Uses, Rodriguez et al., eds., Stoneham: Butterworth, pp. 467-492, 1988.

Ripe et al., Mol. Cell. Biol., 9:2224, 1989.

Rippe et al., "DNA-mediated gene transfer into adult rat hepatocytes in primary culture," Mol. Cell Biol., 10:689-695, 1990.

Rittling et al., Nucl. Acids Res., 17:1619, 1989.

Rosen et al., Cell, 41:813, 1988.

Rosenfeld *et al.*, *In vivo* transfer of the human cystic fibrosis transmembrane conductance regulator gene to the airway epithelium. *Cell*, 68:143-155, 1992.

Rosenfeld et al., Science, 252 431-434, 1991.

Roux *et al.*, "A versatile and potentially general approach to the targeting of specific cell types by retroviruses: Application to the infection of human cells by means of major histocompatibility complex class I and class II antigens by mouse ecotropic murine leukemia virus-derived viruses", *Proc. Nat'l Acad. Sci. USA*, 86:9079-9083, 1989.

Sakai et al., Genes and Dev., 2:1144, 1988.

20

5

Sambrook et al., In: Molecular Cloning: A Laboratory Manual, 2d Ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, 1989.

Samulski et al., J. Virol., 61(10):3096-3101, 1987.

- Sapir, Cahana, Seger, Nekhai, Reiner, "LIS1 is a microtubule-associated phosphoprotein," Eur. J. Biochem., 265(1):181-8., 1999
- Sapir, Elbaum, Reiner, "Reduction of microtubule catastrophe events by LIS1, platelet-activating factor acetylhydrolase subunit," *EMBO J.*, 16(23):6977-8694, 1997.
- Sarver, et al, "Ribozymes as potential anti-HIV-1 therapeutic agents," *Science*, 247:1222-1225, 1990.
- 10 Satake et al., J. Virology, 62:970, 1988.
  - Sato, Nagai, Kuppuswamy, Narishige, Koide, Menick, Cooper, "Micortubule stabilization in pressure overload cardiac hypertrophy," *J. Cell Biol.*, 4:963-973, 1997.
  - Saurin, Borden, Boddy, Freemont, "Does this have a familiar RING? TIBS. June:208-214, 1996.
  - Scanlon *et al.*, "Ribozyme-mediated cleavages of c-fos mRNA reduce gene expression of DNA synthesis enzymes and metallothionein," *Proc. Nat'l Acad. Sci. USA*, 88:10591-10595, 1991.
  - Schaffner et al., J. Mol. Biol., 201:81, 1988.
  - Schweiger, Foerster, Lehmann, Suckow, Muller, Walter, Davies, Porter, van Bokhoven, Lunt, Traub, Ropers, "The Opitz syndrome gene product, MID1, associates with microtubules," *Proc. Nat'l Acad. Sci. USA*, 96:2794-2799, 1999.

Searle et al., Mol. Cell. Biol., 5:1480, 1985.

Sharp and Marciniak, Cell, 59:229, 1989.

25 Shaul and Ben-Levy, *EMBO J.*, 6:1913, 1987.

Sherman et al., Mol. Cell. Biol., 9:50, 1989.

Sleigh and Lockett, *J. EMBO*, 4:3831, 1985.

Spalholz et al., Cell, 42:183, 1985.

Spandau and Lee, J. Virology, 62:427, 1988.

30 Spandidos and Wilkie, *EMBO J.*, 2:1193, 1983.

10

15

20

- Spencer and Misra, "Expression of the serum response factor gene is regulated by serum response factor binding sites," *J. Biol. Chem.*, 271(28):16535-43, 1996.
- Spencer, Baron, Olson, "Cooperative transcriptional activation by serum response factor and the high mobility group protein SSRP1," *J. Biol. Chem.*, 274(22):15686-93, 1999.
- Stephens and Hentschel, Biochem. J., 248:1, 1987.
- Stewart and Young, Solid Phase Peptide Synthesis, 2d. ed., Pierce Chemical Co., 1984.
- Stratford-Perricaudet and Perricaudet, Gene transfer into animals: the promise of adenovirus. In: *Human Gene Transfer*, O. Cohen-Haguenauer *et al.*, eds., John Libbey Eurotext, France, pp. 51-61, 1991.
- Stratford-Perricaudet *et al.*, "Evaluation of the transfer and expression in mice of an enzyme-encoding gene using a human adenovirus vector", *Hum. Gene. Ther.*, 1:241-256, 1990.
- Stuart et al., Nature, 317:828, 1985.
- Supp, Brueckner, Kuehn, Witte, Lowe, McGrath, Corrales, Potter, "Targeted deletion of the ATP binding domain of left-right dynein confirms its role in specifying development of left-right asymmetries," *Dev.*, 126:5495-5504, 1999.
- Swartzendruber and Lehman, J. Cell. Physiology, 85:179, 1975.
- Takebe et al., Mol. Cell. Biol., 8:466, 1988.
- Takeda, Yonekawa, Tanaka, Okada, Nonaka, Hirokawa, "Left-right asymmetry and kinesin superfamily protein KIF3A: new insights in determination of laterality and mesoderm induction by kif3A / mice analysis," *J. Cell Biol.*, 145:825-836, 1999.
- Takemura, Okabe, Umeyama, Kanai, Cowan, Hirokawa, "Increased microtubule stability and alpha tubulin acetylation in cells transfected with microtubule-associated proteins MAP1B, MAP2 or tau," *J. Cell Sci.*, 103 (Pt 4):953-64, 1992.
  - Tam et al., J. Am. Chem. Soc., 105:6442, 1983.
  - Tavernier et al., Nature, 301:634, 1983.
  - Taylor and Kingston, Mol. Cell. Biol., 10:165, 1990a
- Taylor and Kingston, Mol. Cell. Biol., 10:176, 1990b
  - Taylor et al., J. Biol. Chem., 264:15160, 1989.

- Temin, Retrovirus vectors for gene transfer: Efficient integration into and expression of exogenous DNA in vertebrate cell genome. In. *Gene Transfer*, Kucherlapati R, ed., New York, Plenum Press, pp. 149-188, 1986.
- Thiesen et al., J. Virology, 62:614, 1988.
- Tolnay and Probst, Review: tau protein pathology in Alzheimer's disease and related disorders," *Neuropathol. Appl. Neurobiol.*, 25(3):171-87, 1999.
  - Tongyu, Border, Freemont, Etkin, "Involvement of the rfp tripartite motif in protein-protein interactions and subcellular distribution," *J. Cell Sci.*, 110:1563-1571, 1997.
- Top et al., "Immunization with live types 7 and 4 adenovirus vaccines. II. Antibody response and protective effect against acute respiratory disease due to adenovirus type 7," J. Infect. Dis., 124:155-160, 1971.
  - Toyama, Forry-Schaudies, Hoffman B, Holtzer H. 1982. Effects of taxol and Colcemid on myofibrillogenesis. *Proc. Nat'l Acad. Sci. USA* 79(21):6556-60.
- Treisman, Cell, 42:889, 1985.
  - Tronche et al., Mol. Biol. Med., 7:173, 1990.
  - Tur-Kaspa *et al.*, "Use of electroporation to introduce biologically active foreign genes into primary rat hepatocytes", *Mol. Cell Biol.*, 6:716-718, 1986.
  - Tyndall et al., Nuc. Acids. Res., 9:6231, 1981.
- Vannice and Levinson, J. Virology, 62:1305, 1988.
  - Varmus et al., Cell, 25:23-36, 1981.
  - Vasseur et al., Proc. Nat'l Acad. Sci. USA., 77:1068, 1980.
  - Wagner et al., Proc. Nat'l Acad. Sci. USA 87(9):3410-3414, 1990.
  - Wang and Calame, Cell, 47:241, 1986.
- Wang, Peloquin, Zhai, Bulinski, Borisy, "Removal of MAP4 from microtubules *in vivo* produces no observable phenotype at the cellular level," *J. Cell Biol.*, 132(3):345-357, 1996.
  - Weber et al., Cell, 36:983, 1984.
- Webster, "Neonatal rat cardiomyocytes possess a large population of stable microtubules that is enriched in post-translationally modified subunits," J. Mol. Cell Cardio., 10.2813-2824, 1997.

- Wong et al., "Appearance of b-lactamase activity in animal cells upon liposome mediated gene transfer", Gene, 10:87-94, 1980.
- Wu and Wu, "Evidence for targeted gene delivery to HepG2 hepatoma cells in vitro" Biochemistry, 27:887-892, 1988.
- Wu and Wu, "Receptor-mediated *in vitro* gene transfections by a soluble DNA carrier system", *J. Biol. Chem.*, 262:4429-4432, 1987.
  - Wu and Wu, Adv. Drug Delivery Rev., 12:159-167, 1993.
  - Wu et al., Genomics, 4:560, 1989.
  - Yamauchi-Takihara, Sole, Liew, Ing, Liew, "Characterization of human cardiac myosin heavy chain genes," *Proc. Nat'l Acad. Sci. USA*, 86(10):3504-8, 1989.
  - Yang et al., In vivo and in vitro gene transfer to mammalian somatic cells by particle bombardment. Proc. Na't. Acad. Sci. USA, 87:9568-9572, 1990.
  - Zelenin *et al.*, "High-velocity mechanical DNA transfer of the chloramphenicol acetyltransferase gene into rodent liver, kidney and mammary gland cells in organ explants and *in vivo*", *FEBS Lett.*, 280:94-96, 1991.

## United States Patent & Trademark Office

- Office of Initial Patent Examination

Application papers not suitable for publication

SN_09908988 Mail Date_07/18/0/					
	□ Non-English Specification				
Ø	Specification contains drawing(s) on page(s) or table(s)				
	Landscape orientation of text ☐ Specification ☐ Claims ☐ Abstract				
	Handwritten □ Specification □ Claims □ Abstract				
	More than one column	fication   Claims	☐ Abstract		
	Improper line spacing	ication   Claims	☐ Abstract		
	Claims not on separate page(s)				
	Abstract not on separate page(s)				
	Improper paper size Must be either A4 (21 cm x 29.7 cm) or 8-1/2"x 11"				
	☐ Specification page(s)		☐ Abstract		
	☐ Drawing page(s)	<del>_</del>	☐ Claim(s)		
	Improper margins				
	☐ Specification page(s)	···	☐ Abstract		
	☐ Drawing page(s)	_	☐ Claim(s)		
	Not reproducible	Section			
	Reason	☐ Specification p	page(s)		
	☐ Paper too thin	Paper too thin Drawing page(s)			
•	☐ Glossy pages	☐ Abstract			
	☐ Non-white background	☐ Claim(s)			
	Drawing objection(s)				
	☐ Missing lead lines, drawing(s)				
	☐ Line quality is too light, drawing(s)				
	☐ More than 1 drawing and not numbered correctly				
	□ Non-English text, drawing(s)				
	☐ Excessive text, drawing(s)				
	☐ Photographs capable of illustration, drawing(s)				

## DOUCEURA IVABEL

## United States Patent & Trademark Office

Office of Initial Patent Examination -- Scanning Division



Application deficiencies found during scanning:

□ Page(s)	of		were not present
for scanning.		(Document title	)
nom page	86-99	of spec	are refferences
□ Page(s)	of		were not present
for scanning		(Document title	)

Scanned copy is best available. Dawings